

ABSTRACT OF THE DISCLOSURE

This invention relates to a process for making polymer-dye particles comprising, in order:

- 5 I) forming a colorant mixture comprising a water insoluble dye and an organic medium containing at least one ethylenically-unsaturated monomer;
- II) combining the colorant mixture with an aqueous mixture comprising a surfactant and a co-stabilizer to form a colorant mixture/aqueous mixture;
- III) causing the colorant mixture/aqueous mixture to form a stable aqueous droplet mixture via strong agitation; and
- 10 IV) initiating polymerization to form composite polymer-dye particles comprising a colorant phase and a polymer phase;
wherein an addition polymerization initiator is added prior to initiating polymerization.

- 15 It further relates to composite polymer dye particles prepared by the above process and to composite polymer dye particles comprising a colorant phase containing a water insoluble dye, and a polymer phase, said particles being associated with a co-stabilizer.

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